

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6153195

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UNITED STATES OF AMERICA AS REPRESENTED BY THE ADMINISTRATOR OF NASA	01/30/2020
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9296972
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<b>ATTORNEY DOCKET NUMBER:</b>	MFS-32830-1-DIV
<b>NAME OF SUBMITTER:</b>	JAMES J. MCGROARY
<b>SIGNATURE:</b>	/James J. McGroary/
<b>DATE SIGNED:</b>	06/15/2020
<b>Total Attachments: 1</b>	
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National  
Aeronautics and  
Space  
Administration

Patent Application

### Assignment to Government Employee and License to the Government

WHEREAS, the parties to this Assignment are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration (NASA);

WHEREAS, the invention identified below was made while the inventor(s) was a (were) Government employee(s) as defined in 37 CFR 501.3(c); and

WHEREAS, the Government desires to assign its rights in the invention to the inventors thereof in accordance with 15 U.S.C. 3710d(a), the invention being identified as:

Title of Invention: Friction and Wear Modifiers Using Solvent Partitioning of  
Hydrophilic Surface-Interactive Chemicals Contained in  
Boundary Layer-Targeted Emulsions  
NASA Case No.: MFS-32830-1-DIV

Inventor(s)/Applicant(s): Robert Chaffee Richmond, Harry F. Schramm Jr., Francis G. Defalco

Application Serial No.: 13/788,740

Application Filing Date: 03/07/2013

Patent No.: 9,296,972

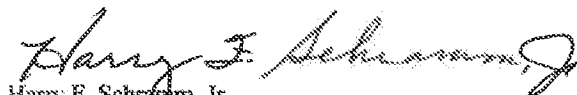
Patent Issue Date: 03/29/2016

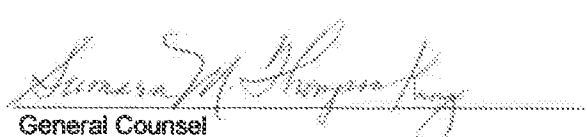
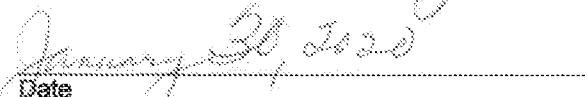
Now THEREFORE, the Government hereby assigns the entire right, title and interest in and to said invention, including the patent application(s) and/or patent(s) identified above describing the invention, and any applications continuing therefrom and such Letters Patents as may issue therefrom, to the following inventor(s):

Harry F. Schramm, Jr.

FURTHER, the Government hereby retains, pursuant to 15 U.S.C. 3710d(a), a nonexclusive, nontransferable, irrevocable, paid-up license to practice the invention or have the invention practiced throughout the world by or on behalf of the Government.

The inventor(s) also agree(s) to include within the specification of any patent application and any patent, domestic or foreign, issuing thereon covering the invention the following statement: "The invention described herein was made by employees of the United States Government and may be manufactured and used by or for the Government of the United States of America for governmental purposes without the payment of any royalties thereon or therefore."

  
Harry F. Schramm, Jr.  
Name

  
General Counsel  
  
Date